

## CLAIMS

1. A wireless communications system including a transmitting device and a receiving device each of which is capable of performing wireless communications on a plurality of communications channels, wherein:

the number of user-selectable communications channels which a user in general is able to select is less than the number of communications channels set at a time of an inspection process.

2. The wireless communications system as set forth in claim 1, wherein:

said user-selectable communications channels are randomly set at the end of the inspection process.

3. The wireless communications system as set forth in claim 1, wherein:

said user-selectable communications channels are channels successively selected from channels assigned on a frequency-by-frequency basis, in order from a channel closer to the center of a usable frequency band in said wireless communications system.

4. A wireless communications system including a transmitting device and a receiving device each of which

is capable of performing wireless communications on a plurality of communications channels, wherein:

the number of usable communications channels is less than the number of settable communications channels in said transmitting device and/or receiving device.

5. The wireless communication system as set forth in claim 4, comprising:

channel limitation means for selecting the usable communications channels from the settable communications channels; and

remote instruction means for (i) determining at least one of the usable communications channels and (ii) remotely indicating, to the channel limitation means, said at least one of communications channels determined.

6. The wireless communications system as set forth in claim 4, wherein:

each of said transmitting device and the receiving device includes channel limitation means for selecting the usable communications channels from said settable communications channels; and

the channel limitation means of one of said transmitting device and the receiving device (i) determines

at least one of said usable communications channels and  
(ii) wirelessly transmits information of said at least one of  
usable communications channels determined, to the  
channel limitation means of another one of said  
transmitting device and the receiving device, via a  
predetermined communications channel.

7. The wireless communications system as set forth in  
claim 5 or 6, wherein:

said channel limitation means randomly selects the  
usable communications channels from the settable  
communications channels.

8. The wireless communications system as set forth in  
any one of claims 5 to 7, wherein:

amongst channels assigned on a  
frequency-by-frequency basis, said channel limitation  
means excludes, from a choice of the usable  
communications channels, a channel nearby the boundary  
of a usable frequency band in the wireless  
communications system.

9. A transmitting device for use in the wireless  
communications system set forth in any one of claims 1 to  
8.

10. A receiving device for use in the wireless communications system set forth in any one of claims 1 to 8.

11. A method for controlling a wireless communications system including a transmitting device and a receiving device each of which is capable of performing wireless communications on a plurality of communications channels,

the method comprising the step of:

selecting one or more usable communications channels from settable communications channels, in said transmitting device and/or receiving device.

12. A wireless communications system controlling program for operating the wireless communications system set forth in any one of claims 5 to 8, wherein:

said program causes a computer to function as said channel limitation means.

13. A storage medium storing therein said wireless communications system controlling program set forth in claim 12.